

Barnardo's Eggciting Challenge!



Key Stage 1: Lesson Plan (ages 4-7)

You can fit the lesson plan(s) in with **your own timescale and schemes of work.**

Items required: Egg, booklets, worksheets, recyclable materials.

An alternative to the egg would be to use gingerbread or papier maché egg shapes.

1 Lesson Objective: To set up simple practical enquiries, comparative and fair tests. To make careful observations and, where appropriate, take accurate measurements.

- Start by reading 'Humpty Dumpty' nursery rhyme. Ask the question – why did Humpty break?
- Show an egg and ask how they can keep an egg safe?
- Have a selection of eggs, raw and boiled, and ask what will happen if the eggs are dropped? How about if they are dropped on different surfaces – such as water, sand or the playground floor? Ask class to make predictions and record their views.
- Conclusions – what is the best type of egg?
- **Homework:** Give out 'How to boil an egg' worksheet. Ask everyone to bring in a boiled hen's egg for next activity/lesson, boiled for 10 minutes.

2 Lesson Objective: To recognise rules for and ways of keeping physically and emotionally safe. To recognise that they share a responsibility for keeping themselves and others safe.

- Discuss with the class about people who keeps them safe – such as the police and fire brigade. Complete the 'Egg-stra Special People' worksheet.
- Next, ask the children to design characters for their eggs and draw them in the 'Egg Passport' booklet. Then to fill in information about egg characteristics.
- **Homework:** Ask children to design something to carry their egg in. Give them the 'Can you design something to carry your egg' worksheet.

3 Lesson Objective: Make holder for egg. To identify and compare the suitability of a variety of everyday materials, including wood, plastic, paper and cardboard for particular uses. To recognise and celebrate their strengths and set simple but challenging goals.

- Resources: Junk / Recyclable materials (collect in advance)
- Children bring in their design from home. Children test safety of design, adapting the design to make sure it works.
- Explain the egg is theirs to look after. Explain time limits and expectations – egg must be whole at the end of the week.
- **Homework:** Egg to be taken home and brought back safely the next day.